

DOCUMENTS CONSIDERED TO BE RELEVANT			
Category	Citation of document with indication, where appropriate, of relevant passages	Relevant to claim	CLASSIFICATION OF THE APPLICATION (IPC)
X	US 5 265 462 A (BLAUCH MATTHEW E [US] ET AL) 30 November 1993 (1993-11-30) * column 5, line 8 - line 49 * * column 6, line 44 - line 61 * * column 10, line 37 - column 11, line 6 * * column 11, line 35 - line 40 * * figure 1 *	1-15	INV. E21B49/02 E21B47/06 G01N15/08 G01N33/24
A	----- WO 2011/133885 A1 (UNIV OKLAHOMA [US]; SIGAL RICHARD F [US]; AKKUTLU IBRAHIM YUCEL [US]) 27 October 2011 (2011-10-27) * paragraph [0012] * * paragraph [0021] * * paragraph [0026] *	1-15	
A	----- US 2 874 565 A (KELTON FRANK C) 24 February 1959 (1959-02-24) * column 5, line 13 - line 24 *	1-15	
A	----- US 3 289 474 A (SMITH ORVILLE R) 6 December 1966 (1966-12-06) * column 12, line 62 - column 13, line 36 * * figures *	1-15	TECHNICAL FIELDS SEARCHED (IPC) G01N
A	----- US 2 537 668 A (HEBARD GLEN G) 9 January 1951 (1951-01-09) * column 6, line 40 - column 7, line 75 * * figures *	1-15	
The supplementary search report has been based on the last set of claims valid and available at the start of the search.			
Place of search The Hague		Date of completion of the search 23 May 2017	Examiner Baranski, Jörg
<p>CATEGORY OF CITED DOCUMENTS</p> <p>X : particularly relevant if taken alone Y : particularly relevant if combined with another document of the same category A : technological background O : non-written disclosure P : intermediate document</p> <p>T : theory or principle underlying the invention E : earlier patent document, but published on, or after the filing date D : document cited in the application L : document cited for other reasons & : member of the same patent family, corresponding document</p>			

**ANNEX TO THE EUROPEAN SEARCH REPORT
ON EUROPEAN PATENT APPLICATION NO.**

EP 15 73 7517

This annex lists the patent family members relating to the patent documents cited in the above-mentioned European search report.
The members are as contained in the European Patent Office EDP file on
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23-05-2017

Patent document cited in search report		Publication date	Patent family member(s)	Publication date
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WO 2011133885	A1	27-10-2011	NONE	

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US 3289474	A	06-12-1966	NONE	

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